

Response to Office Action of May 18, 2006  
Application Serial No. 09/989,898  
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## REMARKS

### I. STATUS OF THE CLAIMS

Claims 25-31 are pending in the present application. In the Office Action mailed May 18, 2006, claims 25-31 were rejected.

### II. CLAIM REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 25 and 27 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,003,610 to *Adachi* in view of European Patent No. 794520 to *Appalucci et al.* and U.S. Patent No. 3,913,219 to *Lichtblau*. Claims 26 and 28-31 are rejected under 35 U.S.C. §103(a) as being unpatentable over *Adachi* in view of *Appalucci et al.* and *Lichtblau* as applied to claim 25 and further in view of European Patent No. 840542 to *Graham et al.* These rejections are respectfully traversed.

*Appalucci* is directed to a security tag for use with an electronic surveillance system. With the tag of *Appalucci*, "[a]t least one resonant circuit comprising a first conductive pattern is disposed on the substrate first surface, and a second conductive pattern is disposed on the substrate second surface" (col. 3, lines 18-21). However, *Appalucci* does not teach or suggest a *singular* functional feature, half of the thickness of the feature being on one side of the substrate and half on the other, as set forth in claims 25-31. Instead, the security tag of *Appalucci* has *different* functional features on each side of a substrate.

*Lichtblau* is directed to a process for forming circuits by printing on both sides of a substrate. Like *Appalucci*, the circuits on each side of the substrate differ. Thus, *Lichtblau* also does not teach or suggest a *singular* functional feature with half of the desired feature thickness being on one side of the substrate and half on the other, as provided in claims 25-31.

*Adachi* is directed to a whole surface driven speaker. In one embodiment, the speaker includes a single metal coil supported on one surface of a film. In another embodiment, the speaker includes two separate coils, each being supported on a separate insulating sheet. The two insulating sheets, each having a coil thereon, are laminated to opposed surfaces of a single foamed mica plate, such that the coils are mirror image of each other. However, *each*

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*coil is a separate, fully functioning feature.* There is nothing within *Adachi* that would suggest that the thickness of a single coil could be divided and placed on opposed sides of a substrate, as set forth in claims 25-31.

*Graham* is directed to a method of forming capacitor electrodes using an etching process. A variety of etchants are taught, including sodium hydroxide. *Graham* does not teach various aspects of the claimed invention, including those set forth above.

Given that none of these references, alone or in combination, teach or suggest the claimed invention, *Appalucci*, *Lichtblau*, *Adachi*, and *Graham* are insufficient to support a rejection of claims 25-31 under 35 U.S.C. §103(a). As such, it is requested that this rejection be withdrawn.

#### CONCLUSION

In view of the foregoing remarks, Applicant respectfully submits that the rejection of the claims as set forth in the Office Action of May 18, 2006 has been addressed and overcome. Applicant further submits that all claims are in condition for allowance and request that a Notice of Allowance be issued. If issues may be resolved through Examiner's Amendment, or clarified in any manner, a call to the undersigned attorney at (404) 879-2437 is courteously solicited.

The Commissioner is hereby authorized to charge any fees due, or credit any overpayment, to Deposit Account No. 09-0528.

Respectfully submitted,



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